REMARKS

A Notice of Allowance has been mailed from the USPTO for the abovereferenced application. The Examiner contacted the undersigned by telephone indicating that Tables 5 and 6 were not sufficiently clear for printing the forthcoming Letters Patent. Applicants submit herewith Replacement Sheets containing Tables 5 and 6. No issue of new matter arises from this submission since the Replacement Sheets are merely clearer copies of the Tables 5 and 6 as filed.

Fees

No fees are believed to be necessary in connection with this Amendment.

However, if this is in error, authorization is hereby given to charge Deposit Account No.

11-1153 for any underpayment, or credit any overages.

Conclusion

If a discussion might be of assistance in resolving any issues, the Examiner is invited to telephone the undersigned.

Respectfully submitted,

. David Smith

Attorney for Applicant(s) Registration No. 39,839

KLAUBER & JACKSON 411 Hackensack Avenue Hackensack, NJ 07601 (201) 487-5800

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| . 279 | .074 | . 287 | .470 | . 118 | 110 | 5.349 | 828 | 146 | 350 | . 506 | .149 | . 889 | . 572 | .165 | . 536 | . 537 | . 941 | . 170 | . 579 | .759 | 190 | . 855 | 797 | . 591 | .788 | . 732 | 2.734 | .689 | 286 | . 531 | 855 | 291 | 2.181 | 5.127 | . 220 | 291 | 1.899 | 1.301 | 2.385 | 1.687 | 0.330 | 0.309 | 0.280 | 1.759 | 0.705 | 1.474 | 5.377 | 5.591 | 5.536 | 5.407 | 6.329 5.351 |
| 0.791 2.302 3.002 2.452 | 0.888 | 1.485 | -0.422 -0.226 | -1.791 -1.958 | -2.810 | -3.758 | -5.518 | 180.1 | 6.044 | -3.565 -5.110 | -4.717 | -4.899 | -5.291 | -7.146 | -8.003 | -7.117 | -5.285 | -5.769 | -6.816 | -5.416 | -7.920 | -8.639 | -7.110 | -9.579 -7.549 | -8.933 | -7.283 | -8.66 4 | -7.833 | -8.188 | -7.788 -7.538 | -7.736 | -8.990 | -9.840 -9.639 | -14.256 -13.753 | -13.749 | -14.518 | -12.475 -11.872 | -14.005 | -10.973 | -12.723 | -11./38 | -12.164 | -11.094 | -10.783 -10.633 | -10.850 | -9.887 | -8.161 | -7.969 | -7.945 -7.070 | -9.074 | -9.898 -10.237 |
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| 0.00 | 000 | 0.0 | 0.00 | 0.0 | 0 0 0 | 8 8 8 | 000 | 8 8 8 | 80 | 0.00 | 0.00 00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.0 | 0 . 0 0 | 0.00 | 0.00 | 80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
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| 1189 1190 1191 1192 | 1187 | 1184 | 1182 1183 | 1180 | 1178 | 1176 | 1174 | 1172 | 1170 | 1168 | 1166 1167 | 1164 | 1163 | 1161 | 1159 | 1158 | 1156 | 1154 | 1153 | 1152 | 1150 | 1148 | 1147 | 1145 | 1144 | 1142 | 1140 | 1138 | 1137 | 1135 | 1134 | 1132 | 1130 | 1128 | 1127 | 1125 | 1123 | 1121 | 1120 | 1111 | 1116 | 1115 | : :: | 1111 | 1110 | 1100 | 1107 | 1105 | 1102 | 1102 | 1100 |
| CD LYS HD1 LYS CE LYS | HG1 LYS | HB1 LYS | HA LYS | CA LYS | O SER | HG SER | HB2 SER | CB SER | CA SER | N SER | o c | HG22 VAL | HG21 VAL | HG13 VAL | HG11 VAL | CG1 AVE | 7 Y | EA VAL | HN VAL | N O | CTYR | H TYR | CZ TYR | CE2 TYR | HE1 TYR | HD2 TYR | CD2 TYR | CD1 TYR | HB2 TYR | CB TYR | HA TYR | HN TYR | N TYR | C TYR | OH TYR | HB2 TYR | HE1 TYR | HD2 TYR | CD2 TYR | CD1 TYR | CG TYR | HB1 TYR | HA TYR | CA TYR | N TYR | o o ARG | HH21 ARG | NH2 ARG | HH11 ARG | CZ AKG | HE ARG |
| 77 77 77 77 77 77 77 77 77 77 77 77 77 | 222 | 71 | 22 | 22; | 2 7 2 | 3 2 5 | 7 6 | 70 | 3 7 3 | 7 7 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 68 | ტ. ტ. წ. წ | 68 | 8 8 | 68 | 68 | 68 | 68 | 68 | n 60 | 68 | 68 | 67 | 67 67 | 67 | 5 | 67 | 67 | 67 5 | 67 | 67 | 67 | 3 23 5 | 67 67 | 67 | 2 2 | 88 | : 66 | 666 | 66 66 | 166 |
| 13.069 12.295 13.936 13.460 | 12.550 13.359 12.188 | 10.915 | 10.268 | 11.700 | 9.252 | 10.498 | 9.546 | 10.525 | 10.909 | 10.508 | 10.409 - | 12.256 - 12.904 - | 11.389 - | 12.131 | 11.701 - | 12.107 - | 11.232 - | 9.977 - | 9.268 - | 9.149 - | 8.206 | 2.416 | 3.267 | 2.855 | 4.526 | 3.392 | 6.364 | 4.987 5.378 | 5.758 | 5.918 | 7.401 | 7.686 - | 8.910 7.880 | 7.446 8.606 | 6.953 | 8.198 | 6.261 | 8.645 6.787 | 8.122 | 7.042 | 8.276 - 7.713 | 7.062 - | 9.952 | 8.736 - 9.075 | 9.441 | 10.708 - | 17.604 - 17.643 - | 17.125 - | 15.599 - 14.118 - | 15.801 - | 15.162 - |
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| 2.922 1.595 0.531 2.021 | 1.163 | 1.496 | 1.741 | 1.002 | 2.231 | 2.171 | 2.954 | 1.187 | -0.532 | -1.111 | -1.305 | -1.304 -3.418 | -2.186 | -4.542 | -2.082 | -5.311 | -3.202 | -2.324 | -3.084 | -2.721 -3.406 | -2.855 | -3.061 | -3.025 | -5.541 | -4.531 | -7.796 | -6.840 | -5.978 -6.857 | -5.711 | -4.596 | -3.323 | -3.191 | -2.011 | -0.794 -0.578 | 4.766 | 5.096 | 3.054 | 3.117 | 3.816 | 3.027 | 1.715 | 1.687 | 0.752 | 1.255 | 0.351 | 0.109 | -0.231 -0.362 | 3.604 | 4.558 | 2.655 3.777 | 2.548 |
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| CB ALA HB1 ALA HB2 ALA HB3 ALA | | N AET | HE3 MET | HEI MET | SD MET | HG MET | HB1 MET | CB MET | CA MET | NET | and o | CZ PHE | HE2 PHE | HE1 PHE | HD2 PHE | CD2 PHE | CD1 PHE | HB2 PHE | HB1 PHE | CA PHE | CA PHE | N PHE | O C | HD23 LEU | HD21 LEU | CD2 LEU | HD12 LEU | EDT TEN | 181 181 181 181 181 | HB2 LEU | NBT TBN CB TEN | E S | E H | SY1 O | C LYS | HZZ LYS | NZ LYS | HE1 LYS | CE LYS | HD1 LYS | HG2 LYS | HG1 LYS | HB2 LYS | SX1 BD | HA LYS | SX1 NH | N LYS | C LYS | HZZ LYS | NZ LYS | HE1 LYS |
| 76 76 76 | 76 | 75 | 3 3 3 | 75 | 75 | 75 75 | 75 | 75 | 3 3 | 3 3 2 | 74 | 74 | 74 | 74 | 74 | 74 | 12 | 74 | 74 | 74 | 74 | 74 | 73 | 12: | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 13: | 72 73 | 72 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 72 | 72 | 72 | 72 | 72 | 71 72 | 71 | 12 | 22 | 71 71 |
| 4.182 4.234 5.172 3.558 | 3.573 | 2.939 | 8.438 | 7.211 | 6.200 - 8.086 - | 7.524 | 6.001 7.021 | 4.603 6.300 | 5.072 | 5.466 | 4.643 | 3.593 | 3.315 | 4.039 | 4.691 | 4.546 | 4.952 | 6.473 | 6.730 | 5 984 | 5.192 | 6.041 | 4.318 | 7.237 | 7.104 5.659 | 6.710 | 8.729 | 7.860 | 5.937 | 8.389 | 7.394 | 5.982 | 8.343 | 5.641 | 8.267 6.852 | 6.758 | 7.681 | 7.708 | 7.497 | 7.833 | 9.629 | 9.136 9.870 | 8.601 | 8.167 | 7.396 | 9.933 | 7.992 9.070 | 9.041 | 14.334 | 14.287 13.870 | 14.024 12.561 |
| | | | • | . , | • | | | | | | | , , | | , , | • | | | | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.610 0.540 0.070 | 1.2 | 0.0 | 200 | 100 | 0.53 | 2.3 1.7 | 2.5 | 7.9 3.5 | 8.6 | 9.0 | 8.7 | 2 . 6 | 7.8 | 6.7 | 7.1 | o. o. | 4.7 | 5.2 | 4.0 | | 3.3 | 2.7 | 4.3 | | υ . 6. 8 | | | - 2.5 | 2.3 | | 1.2 | 0.6 | | | بر س و. د | - w | 2 1 | | 00 | 0 0 | | | N N | | | w | N W | | . u | . | 6.4 |
| 19 1.964 10 2.937 10 2.876 70 4.108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 265 |)26 1. | 142 2. 501 1. |
| 08 1.0 | 97 1.0 | 39 1.0 | 669 1.0 | 110 | 63 1.0 | 99 1.0 | 93 1.0 | 754 1.0 | 33 1.0 326 1.0 | 738 1.0 | 17 | 66 1.0 | 031 1.0 | 780 1.4 | : E | 964 1. 569 1. | 908 1. | 151 | 147 1. | 216 1. | 895 1. | 074 1. | 950 1. | 157 1. | 172 1 185 1 | 538 1. | 1. | 038 | 015 1. | 254 1. | 952 1. | 292 1. | 084 1. | 099 1. | 825 1. 078 1. | 398 1. 388 1. | 193 1. | 259 1. | 358 1. 900 1. | 849 1. | 711 1. | 119 1. 006 1. | 243 1. 113 1. | 453 1. | 018 1. 159 1. | 776 1. | 283 1. 134 1. | 750 1. | 394 | 666 1 | 049 1. 147 1. |
| 00000 | | 000 | | 000 | 000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 388 | | 0.0 | | 88 | 0.0 | 8 8 | 0.0 | 88 | 000 | | 8 8 8 8 | 0.0 | 88 | 88 | 888 | 88 | 8 0 0 | 0.5 | 88 | 000 | | 88 | 8 8 9 9 | 8 8 9 9 | | 88 | 8 8 9 9 | 0.5 | 88 | 88 99 | 000 | . 8 | 8 8 9 9 | 8 | 8 0 0 | 000 | 38 | 88 | 88 |
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| BrD ATOM BrD ATOM BrD ATOM | BrD ATOM | SED ATOM | SED ATOM | BrD ATOM | Brd ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BED ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BED ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM | BrD ATOM BrD ATOM |
| 1377 1378 1379 1380 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1316 | 1314 | 1312 | 1311 | 1309 | 1307 | 1306 | 1304 | 1302 | 1300 | 1299 | 1298 | 1296 | 1294 | 1292 | 1291 | 1289 | 1287 1288 |
| 2 | HG23 V | HG21 V | HG13 V | HG11 | H G | ₩ Ç | # Z | o n | HH21 A | NH2 A | H | 121 | E A | HD2 > | 8 | HG 19 | 8 5 | HB1 | G 5 | Q : | ۳ ۲ | 0 | C 22 | HE21 C | 1 2 2 | 0 H | HGT C | 3 28 | E G | E 9 | 2 E | z 0 | 0 | HD22 | E 62 | | HD11 1 | 8 | 8 2 | HBI | = | 2 E | z o | n | 0 g | 8 | HB1 | G 5 | Ç | ž z | 00 |
| | 44 | * * * | : # <u>}</u> | <u> </u> | - 2 | - 24 | 4 4 | | සි සි | ត ត | | | | | | | | | | | | | | | | | | | | | | ű | 9 8 | 9 9 | ğ | , 19 E | ja ja | į į | ē | E E | 9 | ē | EE. | g. | Ę Š | lSP. | , SP | ASP ASP | , isp | dSy. | ĒĒ |
| 3 H H H | : 51 81 | 2 2 5 | 2 2 2 | 1 1 1 | 81 | 81 81 | 2 2 | 8 8 | 88 | 8 8 | | 888 | | | | _ | | | _ | | | • | | - | | •• | | | | | | 78 79 | 78 | 1 2 3 | 78 78 | 78 78 | 78 | 78 | 78 78 | 78 | 78 | 78 78 | 78 | 77 | 1 1 | 7 | 2 2 | 33 | 13: | 1 7 | 76 76 |
| -4.400 -3.424 -5.079 | -4.890 | -4.851 | -2.763 | -2.926 | -3.742 -3.104 | -4.231 -4.849 | -3.116 -2.203 | -3.305 -4.417 | -4.590 -4.293 | -3.950 | -1.216 | -2.648 | -1.796 | -2.486 | -2.206 | -0.290 | -1.092 | -2.401 | -1.579 | -2.048 | -0.321 | -1.787 | 2.070 -0.960 | 1.079 | 0.409 | 1.158 | 1.501 | 2.180 | 1.336 | -0.198 | 1.551 | 0.611 | -0.253 | 0.808 | 1.189 | 1.985 | 1.413 | -0.336 | 1.480 | 2.212 | -0.49 | 0.31 | 0.950 | 0.26 | 2.613 | 1.817 | 2.19 | 1.392 | 1.05 | 2.270 | 2.240 |

| 7.531 6.172 6.692 5.962 | 7.016 7.740 8.751 | 6.716 | 6.583 7.572 | 5.724 | 4.314 | 3.360 | 2.874 | 2.174 | 2.749 | 1.114 | 3.54B 2.076 | 3.478 | 1.199 | 2.583 | 1.998 | 0.325 | 1.395 | 1.921 | 1.626 | 1.817 | 2 202 | 0.144 | 0.444 | 0.193 | 0.354 | 2.193 | 1.827 | 2.623 | 4.477 | 3.893 | 5.778 | 5.945 | 5.596 | 5.086 | 3.629 | 5.622 | 4.609 | 3.418 | 4.735 | 4.077 | 6.085 | 6.222 | 3,699 | 3.666 | 4.282 | 2.977 | 2.149 | 2.185 | 1.180 | 3.906 | 3.284 | 3.311 | 3.086 | 2.827 | 2.162 | 1.677 | 1.695 | 1.484 | 0.833 | 0.514 |
|--|-------------------------------------|-------------------------|--------------------|----------------|-------------------|------------------------|------------------------|----------|------------|----------|------------------|--------------------|----------------|----------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|---|----------|----------|-------------------|----------|----------|----------|----------|----------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|------------|--|----------|----------|------------|---------|
| 9.805 6.183 6.787 4.871 | 7.101 8.629 8.283 | 7.570 | 6.498 | 6.926 7.986 | 5.914 | 7.456 8.429 | 12.008 | 11.909 | 11.400 | 10.078 | 9.177 | 8.590 | 7.645 R 910 | 6.857 | 7.763 | 7.903 | B. 023 | 7.089 | 5.508 | 5.701 | 4.692 | 1.033 | 1.933 | 3.926 | 2,995 | 2.575 | 3.291 | 3.150 | 4.051 | 3.544 | -0.365 | -0.111 | 1.433 | 1.716 | 1.464 | 3.698 | 3.334 | 3.597 | 6.082 | 5.402 | 7.214 | 6.196 | 7.913 | 6.982 | 6.216 | 7.015 | 6.045 | 5.241 | 5.431 | 1.789 | 2.41 | 2.004 | 3.95 | 3.628 | 2.809 | 5.376 | 4.028 | 5.530 | . 89 | 3.76 |
| 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 | 1.00 | 1.00 | | 1.00 | 1.00 | | 3 8 | 1.00 | 1.00 | | 2.0 | 1.00 | 1.00 | | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 | | 1.00 | 2 . | 1.0 | 1.00 | 1.0 | 1.00 | 1.0 | 1.00 | 1.00 | 1.00 | | 1.00 | 1.00 | 1.0 | 1.0 | 1.00 | 1.00 | 1.00 | 1.0 | 1.00 | 1.0 | 5 1.00 | | 1.00 |
| 0.00 | 0000 | 000 | 0.00 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | 0.00 | 0 0 | 0.00 | 0.00 | 0.00 | 0 . | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8 8 | 0.00 | 0.00 | 0.00 | 0.00 | 8 8 | 0.00 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.0 | 0.00 | 9.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 200 | 0.00 | 0.00 | 0.00 |
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| C GLU O GLU N TYR HN TYR | 82 GE GE | EF 65 | HB1 GLU HB2 GLU | H2 62 | CA GLU | N GEN SXT O | C LYS | HZ2 LYS | NZ LYS | HE2 LYS | CE LYS | HD2 LYS | CD LYS | HG2 LYS | E CYS | HB2 LYS | SA'I THE | HA LYS | CA LYS | HN LYS | S CYS | c cys | HG CYS | S C C C C C C C C C C C C C C C C C C C | HB1 CYS | CB CYS | 25. 25. 25. | EN CYS | N CYS | O ASM | HD22 ASN | HD21 ASN | ND2 ASN | CG ASN | HB2 ASN | CB ASN | HA ASN | CA ASN | N ASN | OTHR | HG23 THR | HG22 THR | CG2 THR | HG1 THR | HB THR | CB THR | CA THR | HN THR | N THR | C PHE | HZ PHE | HEZ PHE | CE2 PHE | HEI PHE | HD2 PHE | CD2 PHE | CD1 PHE | CG PHE | HB1 PHE | Hid a |
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| -11.604 -12.542 -11.617 -10.840 | -8.446 -9.092 | -8.088 -7.954 | -9.513 -8.706 | -10.510 | -9.514 -10.350 | -11.293 -10.076 | -10.579 | -7.729 | -7.317 | -5.858 | -6.929 -7 418 | -8.140 | -7.325 | -7.050 | -7.768 -7.809 | -9.416 | -9.137 | -11.111 | -10.228 | -9./94 | -11.842 | -10.645 | -10.844 | -9.732 | -8.806 | -9.765 | -10.77B | -8.046 | -8.842 | -9.745 | -8.302 | -6.745 | -9.269 -7.677 | -8.115 | -6.138 | -7.113 | -7.546 | -7.459 | -6.391 | -7.073 | -4.910 | -3.379 | -4.283 | -3.138 | -3.525 | -3.927 | -5.119 | -3.841 | -4.740 | -5.594 | -1.029 | -3.302 | -2.928 | -0.179 | -4.723 | -3.725 | -1.979 | -4.712 | -3.486 | - 121 |
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| 5.817 6.346 5.849 6.793 | 6.596 6.314 | 3.303 | 2.141 | 1.830 | 1.052 | 1.616 | 1.176 | 0.081 | 0.119 | 0.581 | 1.062 | 0.119 | 1.092 | 2.399 | 1.439 | 1.838 | 506 | 2.481 | 1.079 | 2 181 | 3.436 | 4.095 | 4.151 | 3.419 | 2.966 | 1.670 | 2.740 | 3.290 | 4.347 | 5.557 | 7.081 | 8.340 | 7.291 | 7.122 | 6.458 | 5.836 | 4.658 | 1.909 | 1.090 | 1.906 | 3.072 | 2.559 | 3.023 | 4.336 | 5.852 | 5.298 | 5.374 | 10.465 | 10.159 | 7.730 | 7.989 | 9.568 | 6.087 | 8.896 | 8.640 | 5.388 7.376 | 6 602 | 6.363 | 6.339 | |
| 5.671 5.031 4.622 5.981 | 7.191 5.258 | 6.298 5.754 | 7.099 | 5.274 | 5.986 | 7.649 5.653 | 7.092 | 7.736 | 8.974 | 13.743 | 13.283 | 11.452 | 11.778 | 11.393 | 11.039 | 9.083 | 9.873 | 9.160 | 9.540 | 6.027 | 6.247 | 6.587 | 6.296 | 6.483 | 8.169 | 7.715 | 7.800 | 8.783 | 8.021 | 9.817 | 7.473 | 7.119 | 5,006 | 8.258 | 7.670 | 6.659 | 8.147 | 6.347 | 7.236 | 7.655 | 7.263 | 5.311 | 6.192 | 4.958 | 6.195 | 5.492 | 4.256 | -0.014 | -0.512 | 0.055 | 0.462 | 0.755 | 1.392 | 1.914 | 1.505 | 2.139 | 2.489 | 2.568 | 4.046 | |
| 1.00 | 3000 | 1.00 | 1.00 | 38 | 1.00 | 2 | 1.00 | 000 | 3.0 | 1.00 | 38 | 1.00 | | 1.00 | 38 | 1.00 | 2 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 3 0 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 00 | 1.00 | 1.00 | 3 8 | 1.00 | . 00 | 1.00 | 1.00 | 200 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 3 . | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 3 |
| 0.000 | 8000 | 88 | 000 | 80 | 000 | 88 | 0.00 | 0.00 | 80 | 0.00 | 30 | 0.00 | 88 | 0.00 | 200 | 0.00 | 0 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8 | 0.00 | 0.00 | 0.00 | 000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 000 | 0.00 | 0.00 | 3 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ; |
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| HGZ GLU CD GLU | HBT GTN CB GTN | CV CTN HN CTN | N O SER | HG SER | HB2 SER | CB SER | HA SER | HN SER | o G | mb c | M5 130 | CD GLU | HG1 GLU | 92 | HB1 CM | CB GIM | E CA | HN GLU | S GE | PRO | HD2 PRO | HD1 PRO | CD PRO | HG1 PRO | CG PRO | HB2 PRO | CB PRO | HA PRO | CA PRO | PRO | C ALA | HB3 ALA | HB1 ALA | CB ALA | # S | HN ALA | N O | NSV O | HD22 ASN | HD21 ASN | OD1 ASN | OS ASN | HB1 ASN | CB ASN | CA ASN | HN ASN | OTYR | C !! | OH TYR | CZ TYR | HEZ TYR | HE1 TYR | CEL TYR | CD2 TYR | HD1 TYR | 3 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | HB2 TYR | HE TYR | HA TYR | a a |
| 9999 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -15.054 -14.187 -14.797 -15.479 | -15.574 - -16.144 - -16.411 - | -17.598 - -15.729 - | -15.700 - | -19.610 | -18.695 | -18.317 - -17.475 - | -17.863 - -18.677 - | -17.620 | -16.862 + | -17.029 | -18.536 | -18.143 -17.622 | -18.550 | -17.805 | -15.786 | -16.529 | -16.703 | -17.462 | -17.736 | -19.035 | -19.450 | -18.670 | -19.456 | -20.778 | -20.794 | -22.038 | -21.048 | -20.495 | -20.000 | -19.346 | -18.764 | -20.179 | -19.280 | -19.228 | -17.525 | -17.438 | -17.296 | -16.332 | -12.731 | -13.424 | -13.552 | -14.578 | -15.816 | -14.996 | -15.518 | -14.40B | -14.369 | -13.923 | -15.233 | -14.536 | -16.042 | -12.880 | -13.302 | -14.372 | -11.639 | -13.128 -19 606 | -12.537 | -12.361 | -13.070 | ,, |
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| 8.247 1.00 0 8.199 1.00 0 9.438 1.00 0 | .980 1 | .363 1 .890 1 | .046 | .668 | 405 | .916 1 | .707 1 | .660 | .062 | .724 | .824 | .349 | .926 1 | 0.135 | 1.265 | .281 | .013 | .989 1 | 379 | .862 | .902 | .884 | 145 | 285 | 1.256 | .435 | 211 | .497 | . 821 | 964 | . 977 | 993 | .594 | .979 | 870 | 477 | 594 | 9.615 | 3.365 | 9.15Z | 7.161 | 1007 | 5.761 | 079 | 1.182 | 0.673 | 0.579 | 963 | 1.956 | 2.859 | 2.762 | 1.176 | . 827 | 941 | . 663 | 5.150 | 5 876 | 3.840 | 3.568 | , |
| 88888 | 888 | 000 | 888 | 888 | | 98 | 88 | 88 | | 000 | .00 | 0 0 | .00 | 1.00 | | 0.00 | | .00 0 | 000 | 88 | 00 0 | 00 0 | 000 | 30 | .00 0 | 8 | 88 | 00.0 | .00 | 000 | 00.0 | 000 | 88 | 0 00.1 | 000 | .00 | 000 | 80 | 00 0 | 30 | 1.00 0 | 000 | 0 00 1 | 00 0 | 1.00 0 | 0000 | 1.00 0 | 1.00 0 | 200 | 1.00 0 | 1.00 | 1.00 0 | 1.00 | 200 | 1.00 | 300 | 1.00 | 1.00 | 1.00 0 | ; |
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| CB ASN HA ASN HA ASN | 7. V. | 77 181 181 181 | 2 2 3 2 2 3 | N. | 38 | 35 35 36 36 | KB2 CYS | SET CAS | SX. CXS | 7, CX2 | CYS | C LYS | SAT EZE | HZ2 LYS | SYZ LYS | TE2 LYS | CE LYS | HD2 LYS | 101 T12 | HG2 LYS | HG1 LYS | SKT SK | HB2 LYS | CB LYS | SAT WE | CX2 | SXT TAS | TYR | TYR | TYR | CZ TYR | HEZ TYR | HE1 TYR | CEI TYR | | HD1 TYR | 177 | HB2 TYR | HB1 TYR | 33 | CA TYR | 2 N | OTYR | TYR | OH TYR | HEZ TYR | CE2 TYR | HEI TYR | HD2 TYR | CD2 TYR | TYR | S TYR | HB2 TYR | GB TYR | E S | : EN 178 | AYT. | 90 | OEZ GLU | 1 |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94 | ? |
| -6.550 -5.922 -7.697 | -6.568 -6.293 | -8.281 -7.425 | -6.290 -7.339 | -9.028 | -7.040 | -11.755 | -11.036 | -9.862 | -9.253 | -9.408 | -10.443 | -10.212 -9.123 | -14.685 | 89E-51- | -14.617 | -12.527 | -13.282 | -12.986 | -14.156 | -11.227 | -11.914 | -12.120 | -13.075 | -12.547 | -11.067 | -11.390 | -11.857 | -10.238 | -11.238 | -9.315 | -10.109 | -11.658 | -8.495 | -9.551 | -12.252 | -9.918 | -10.351 | -12.977 | -13.397 | -11.033 | -11.835 | -12.733 | -11.076 | -16.730 | -15.823 | -14.546 | -14.656 | -15.961 | -13.630 | -14.141 | -14.933 | -14.270 | -12.825 | -13.704 | -12.919 | -15.387 | -14.510 | -14.422 | -16.617 | |

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